

Access Management

Access management is a design strategy to control access to roadways, intersections, management lanes, and parking facilities.



TRANSPORTATION NEEDS ADDRESSED

- Access
- Travel Time
- Reliability
- Mobility
- Safety

COST MAGNITUDE

- Capital Cost
- Operation and Maintenance Cost

WHEN TO CONSIDER THIS STRATEGY

- Arterial corridors with recurring or nonrecurring congestion.
- Arterial corridors with high crash rates

COMPLIMENTARY STRATEGIES

- Truck Restrictions
- Alternative Intersections
- Channelization & Delineation
- Minor Roadway Improvements
- Safety Countermeasures

HOW WILL THIS HELP?

- Increases capacity on freeways, expressways and arterial roadways to address congestion caused by recurring bottlenecks
- Improves mobility by adding roadway capacity to reduce delays and improve travel time reliability

HOW DOES IT WORK?

- Considers how vehicles enter roadways and designs these access points to improve mobility
- Reduce points of conflict between vehicles
- Focuses on driveway and intersection spacing, raised medians, entrance gates, and turning movement regulation
- Once implemented, the strategy requires no further intervention from transportation professionals other than performance monitoring.

CONSIDERATIONS

- + USE TRAFFIC MODELING TO ASSESS CHANGES IN ACCESS MANAGEMENT NEAR SIGNALS AND OTHER MAJOR INTERSECTIONS.
- + EVALUATE TRAFFIC OPERATIONS.
- + INCLUDE A MULTI-DISCIPLINED TEAM TO EVALUATE THE IMPACTS PARKING, BICYCLE, AND PEDESTRIAN FACILITIES.
- + HAVE DESIGNERS AND OPERATORS JOINTLY REVIEW REDEVELOPMENT PROPOSALS CONTAINING CHANGES IN ACCESS TO BE SURE TRANSPORTATION NEEDS ARE MET.